

ABSTRACT OF THE DISCLOSURE**DOUBLE DENSITY DATA STORAGE LIBRARY USING BACK TO BACK
ARRAY WALLS**

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A data storage library having two inward facing storage arrays and two outward (i.e., back to back) facing arrays between the two inward facing arrays, such that an access device positioned to access one of the outward facing arrays can perform a rotation to be positioned to access one of the inward facing arrays. Thus a single access device can access all four arrays only by performing translations and rotations as necessary.

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